

**UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 04860.P3026

(maximum 12 characters)

First Named Inventor Markus SappTitle: SIMULATION OF STRING VIBRATIONExpress Mail Label No. EV 336 590 571 US

ADDRESS TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original and a duplicate for fee processing)
2. ☐ **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. ☒ **Specification (Total Pages 30)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ **Drawings(s) (35 USC 113) (Total Sheets 4)**
5. ☒ **Oath or Declaration (Total Pages 3)**
  - a. ☐ Newly Executed (Original or Copy)
  - b. ☐ Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i. ☐ DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
  - c. ☒ Unsigned.
6. ☐ **Application Data Sheet. (37 CFR 1.76)**
7. ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**
8. ☐ **Nucleotide and/or Amino Acid Sequence Submission**  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. \_\_\_\_\_ Assignment Papers (cover sheet & documents(s))
10. \_\_\_\_\_ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
 \_\_\_\_\_ b. Power of Attorney
11. \_\_\_\_\_ English Translation Document (if applicable)
12. \_\_\_\_\_ a. Information Disclosure Statement (IDS)/PTO-1449  
 \_\_\_\_\_ b. Copies of IDS Citations
13. \_\_\_\_\_ Preliminary Amendment
14. \_\_\_\_\_ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. \_\_\_\_\_ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. \_\_\_\_\_ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- 17A. \_\_\_\_\_ Claim for Foreign Priority
- 17B. \_\_\_\_\_ Other: \_\_\_\_\_

17C. ☒ Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

**18. If a CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title (e.g., by way of preliminary amendment), or in an Application Data Sheet Under 37 C.F.R. 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
 Of Prior Application No.: \_\_\_\_\_ Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_  
 (which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_,  
 which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

**For CONTINUATION AND DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Correspondence Address  
 \_\_\_\_\_ Customer Number or Bar Code Label \_\_\_\_\_  
 or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label here)  
☒ Correspondence Address Below

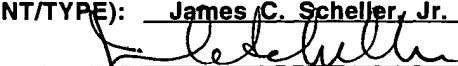
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Name (PRINT/TYPE): James C. Scheller, Jr. Registration N. : 31,195

Signatur :  Date: 1/14/2004

# FEE TRANSMITTAL FOR FY 2004

(FY 2004 Begins 10/01/2003)

TOTAL AMOUNT OF PAYMENT (\$) 1,220.00

Complete if Known:

Application No. \_\_\_\_\_  
Filing Date January 14, 2004  
First Named Inventor Markus Sapp  
Examiner Name \_\_\_\_\_  
Art Unit \_\_\_\_\_  
Attorney Docket No. 04860.P3026

\_\_\_\_ Applicant claims small entity status. See 37 CFR 1.27.

## METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
- ☒ Deposit Account  
Deposit Account Number : 02-2666  
Deposit Account Name: \_\_\_\_\_
- ☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:  
☐ Charge fee(s) indicated below.  
☒ Credit any overpayments.  
☒ Charge any additional fees during the pendency of this application.  
☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.  
☐ Charge fee(s) indicated below except for the filing fee.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
1001	770	2001	385	Utility application filing fee	<u>770.00</u>
1002	340	2002	170	Design application filing fee	_____
1003	530	2003	265	Plant filing fee	_____
1004	770	2004	385	Reissue filing fee	_____
1005	160	2005	80	Provisional application filing fee	_____
SUBTOTAL (1)\$					<u>770.00</u>

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims <u>45</u> - 20 = <u>25</u>	X	<u>18.00</u>	= <u>450.00</u>
Independent Claims <u>3</u> - 3 = <u>0</u>	X	<u>86.00</u>	= <u>0</u>
Multiple Dependent Claims _____	X	_____	= _____

\*\*Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	_____
1201	86	2201	43	Independent claims in excess of 3	_____
1203	290	2203	145	Multiple dependent claim, if not paid	_____
1204	86	2204	43	**R issue independent claims over original patent	_____
1205	18	2205	9	**R issue claims in excess of 20 and over original patent	_____
SUBTOTAL (2)\$					<u>450.00</u>

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

<u>Larg Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee</u>	<u>Cod</u>	<u>Fee</u>	<u>Cod</u>		
130	1051	65	2051	Surcharge - late filing fee or oath	
50	1052	25	2052	Surcharge - late provisional filing fee or cover sheet	
130	1053	130	1053	Non-English specification	
2,520	1812	2,520	1812	For filing a request for ex parte reexamination	
8,800	1813	8,800	1813	Request for inter parties reexamination	
920*	1804	920*	1804	Requesting publication of SIR prior to Examiner action	
1,840*	1805	1,840*	1805	Requesting publication of SIR after Examiner action	
110	1251	55	2251	Extension for reply within first month	
420	1252	210	2252	Extension for reply within second month	
950	1253	475	2253	Extension for reply within third month	
1,480	1254	740	2254	Extension for reply within fourth month	
2,010	1255	1,005	2255	Extension for reply within fifth month	
330	1401	165	2401	Notice of Appeal	
330	1402	165	2402	Filing a brief in support of an appeal	
290	1403	145	2403	Request for oral hearing	
1,510	1451	1,510	1451	Petition to institute a public use proceeding	
110	1452	55	2452	Petition to revive - unavoidable	
1,330	1453	665	2453	Petition to revive - unintentional	
1,330	1501	665	2501	Utility issue fee (or reissue)	
480	1502	240	2502	Design issue fee	
640	1503	320	2503	Plant issue fee	
130	1460	130	1460	Petitions to the Commissioner	
50	1807	50	1807	Processing fee under 37 CFR 1.17(q)	
180	1806	180	1806	Submission of Information Disclosure Stmt	
40	8021	40	8021	Recording each patent assignment per property (times number of properties)	
770	1809	385	2809	For filing a submission after final rejection (see 37 CFR 1.129(a))	
110	1814	55	2814	Statutory Disclaimer	
770	1810	385	2810	For each additional invention to be examined (see 37 CFR 1.129(b))	
770	1801	385	2801	Request for Continued Examination (RCE)	
900	1802	900	1802	Request for expedited examination of a design application	
300	1504	300	1504	Publication fee for early, voluntary, or normal pub.	
300	1505	300	1505	Publication fee for republication	
130	1803	130	1803	Request for voluntary publication or republication	
130	1808	130	1808	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1,330	1454	1,330	1454	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$ 0**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**Typed or Printed Name: James C. Scheller, Jr.Signature:  Date: 1/14/2004Reg. Number: 31,195 Tel phone Number: (408) 720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450